
Long Term Care Emergency Preparedness Report

Results from the 2010 Survey of Missouri's
Licensed LTC Facilities



Division of Regulation and Licensure
Section for Long Term Care Regulation

In light of the many emergency events that occurred in the past couple of years and the H1N1 influenza pandemic, the Section for Long Term Care Regulation (SLCR) conducted its third annual survey of all licensed long term care facilities in Missouri. Each facility was asked to provide information concerning the development and contents of their emergency plans. SLCR received 479 anonymous responses and would like to thank all those facilities who responded. Basic response rate information by level of care is as follows:

- Skilled Nursing Facilities (SNF) – 258 = 52% response rate
- Intermediate Care Facilities (ICF) – 20 = 63% response rate
- Assisted Living Facilities (ALF) – 73 = 43% response rate
- Residential Care Facilities (RCF) – 128 = 29% response rate

Charts showing specific response rates to each question appear later in this report.

The following recommendations are offered to provide facilities with focus areas on which to concentrate their efforts in reviewing their emergency plans and improving emergency response capabilities:

- Emergency plans should be reviewed on a regular, systematic basis to ensure the plan contains up-to-date information regarding facility operations, organizational structure and contact information for local emergency resources, staff and residents' families.
- All facilities should have a weather alert radio, or some other weather notification system, in place in order to be aware of developing weather situations.
- Facilities should provide basic emergency plan information to residents' families such as emergency contact information for the facility and key staff as well as plans for evacuation should sheltering-in-place not be possible. This information could include specifics of how residents will be evacuated and where they will be taken such as another nearby LTC facility.
- Facilities should involve local emergency planners as emergency plans are reviewed and revised. More coordination between the various entities within a community assists with resource allocation and overall response during emergency situations.
- Facilities should strongly consider having an on-site generator. At a minimum, a ready hook-up for a generator should be installed and a plan should be developed for procuring a generator if one becomes needed. As many facilities experienced during recent ice storms, power can be out for significant periods of time and generators can be in short supply.

SLCR hopes these recommendations will assist facilities in their emergency planning efforts. SLCR will continue to provide information and resources to facilities and long term care associations as we all work to ensure that Missouri long term care facilities are prepared for any type of emergency.

SLCR welcomes any questions concerning the survey or emergency planning in general at (573) 522-1333.

The pages which follow show specific response rates for each question from the 2010 survey by level of care. The final column shows the average response rate for all levels of care for each question. Also shown is the change in response rate as compared to the 2009 survey for those questions which were the same on both surveys.

Did any of the following participate in the most recent review/update of your emergency plan? (Question reworded from previous surveys for the 2010 survey)

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Local Emergency Management Office	24	-5	20	+11	15	-11	16	-2	19	-2
Local Health Department	17	-9	5	-22	10	-14	16	-2	12	-12
Fire Department	66	-2	75	+21	66	-6	77	+14	81	-7
Ambulance Service	18	-10	20	+2	8	-5	23	+3	17	-3
Police Department	19	-13	25	-2	4	-19	22	+3	18	-8
Sheriff's Department	10	-3	10	-4	6	-5	9	-5	9	-4
Red Cross	4	-5	5	-9	3	-6	3	-8	4	-7
Other LTC Facilities	24	-24	35	-1	19	-12	12	-13	23	-13
Utilities	13	-17	15	-17	10	-8	16	-3	13	-11

Does your emergency plan contain the following emergency contact information?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Ambulance Service	87	-1	70	-3	81	0	77	-1	79	-1
Local Emergency Operations Center	61	+7	60	+15	55	+6	46	+6	55	+8
Local Police Department	89	-2	85	-1	86	+1	84	+1	86	-1
Local Red Cross	48	+4	45	-5	45	+10	34	+5	43	+3
Local Sheriff's Department	67	+3	35	-15	52	+2	62	0	54	-3
Regional SLCR Office	60	+5	55	+10	43	-3	39	0	49	+3
Residents' Family Phone Numbers	44	-2	55	+10	59	+3	62	+5	55	+4
Your Staff Phone Numbers	82	-2	95	+18	78	-7	75	-6	83	+1
Local Fire Department	91	-1	80	-2	86	-6	86	-3	86	-3
Utilities	79	-4	80	+12	73	+1	59	-11	73	-1

Does your emergency plan assign specific roles to staff members?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	93	+2	80	-2	88	+5	84	+3	86	+2
No	5	-2	10	1	8	-3	11	-6	9	-3
No Response	2	0	10	1	4	-2	5	+3	5	+1

Are your staff members familiar with using the following emergency equipment?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Generator	70	-2	60	-8	40	-6	40	-6	52	-5
Fire Extinguisher	99	-1	95	+4	99	0	100	+3	98	+2
Communication	76	-5	85	+8	85	+3	75	+7	80	-1

Does your emergency plan address the following?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Power Outages	97	0	85	-1	92	+1	90	0	91	0
Alternative Power	78	+2	70	+6	63	+13	55	0	66	+5
Staffing Needs	81	+4	60	+6	78	+13	72	0	73	+6
Facility Evacuation	97	-2	95	-1	96	-4	95	-2	96	-2
Staff Accompanying Residents In Transit	70	+5	60	+1	73	+6	69	+1	68	+3
Areas Of Refuge	82	+3	70	-12	82	+3	78	+1	78	-1
Sheltering In Place	75	-5	85	+8	82	+12	71	-6	78	+2
Resident Medications	79	+1	60	-8	82	+4	81	+8	75	+1
Pandemics	57	+8	55	+5	53	+18	46	+9	53	+10
Palliative Care In Pandemics	31	+10	15	+1	23	+10	27	+10	24	+8

What communication capabilities does your facility have available during emergencies?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Land Line	87	+2	100	+14	89	-2	81	+2	89	+4
Non-Cordless Land Line	46	+3	35	-15	56	+3	52	+5	47	-1
Cellular Telephone	91	-2	100	+5	84	-9	89	-3	91	-2
Two-Way Radio	42	0	40	-15	34	+2	31	-8	37	-5
Short Wave Radio	5	+1	0	0	3	-3	6	-2	3	-1
Weather Alert Radio	85	-1	85	-6	81	+6	74	-1	81	-1

Is your facility part of any plan to receive residents from other long term care facilities during emergencies?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	57	+3	60	+15	48	+13	30	-4	49	+7
No	40	-4	35	-20	48	-15	66	+1	47	-10
No Response	3	+1	5	+5	4	+2	4	+3	4	+3

Does your facility have a written agreement with the other long term care facilities to receive their residents?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	80	+1	83	-13	89	+5	63	-4	79	+4
No	20	-1	17	+13	11	-5	37	+4	21	-4

What emergency supplies does your facility have on hand?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Food	97	+1	95	-1	96	+3	93	-1	95	+1
Water	93	+3	95	+9	90	+7	82	-3	90	+4
Fuel	50	+1	50	-5	32	-1	30	-2	40	-2

How many days worth? (Numbers shown are averages for all respondents)

	SNF		ICF		ALF		RCF		AVG	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Food	7	0	6	0	7	+1	7	0	6.75	+.25
Water	4	+1	5	-2	5	+1	5	+0.5	4.75	+.15
Fuel	4	0	5.5	-1.5	3.5	0	4	-1	4.25	-.65

Do you provide resident families with information concerning your facility's emergency plan such as emergency contact numbers or information on sheltering-in-place/evacuation? (Question reworded from previous surveys for the 2010 survey)

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	28	-11	25	-16	40	-10	36	-18	32	-14
No	62	+6	65	+15	52	+11	55	+15	59	+12
No Response	10	+5	10	+1	8	-1	9	+3	9	+2

Does your facility have a generator on premises at all times?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	82	+4	75	-7	49	-2	41	-6	62	-3
No	17	-4	25	+7	48	+1	55	+4	36	+2
No Response	1	0	0	0	3	+1	4	+2	2	+1

If yes, what does the generator run?

	SNF		ICF		ALF		RCF		AVG	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Regular Lighting	50	1	33	+2	47	-13	60	+8	48	-1
Emergency Lighting	96	2	93	+12	92	+3	94	+7	94	+6
HVAC System	59	-4	47	-3	58	-2	55	-2	55	-3
Refrigerators	75	-4	67	+12	75	+4	89	+18	76	+7
Freezers	71	-4	60	+6	69	-2	85	+16	71	+4

If no, is your facility pre-wired to accept a generator? *(Question not asked previously)*

	SNF		ICF		ALF		RCF		AVG	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	16	n/a	40	n/a	37	n/a	14	n/a	27	n/a
No	72	n/a	40	n/a	54	n/a	72	n/a	59	n/a
No Response	12	n/a	20	n/a	9	n/a	14	n/a	14	n/a

Do you participate in community emergency preparedness exercises coordinated by your local emergency planning organization?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	54	+7	30	-2	47	+3	46	+5	44	+3
No	41	-10	60	-4	48	-5	46	-9	49	-7
No Response	5	+3	10	+6	5	+2	8	+4	7	+4

Do you have an agreement with your local emergency preparedness organization to act as a special needs shelter?

	SNF%		ICF%		ALF%		RCF%		AVG%	
	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009	2010	Change from 2009
Yes	31	+3	30	+7	30	+17	33	+6	31	+8
No	62	-8	70	-7	64	-18	62	-9	65	-10
No Response	7	+5	0	0	6	+1	5	+3	4	+2

Additional Resources:

The following emergency preparedness planning resources are available from the Missouri Department of Health and Senior Services website at: http://www.dhss.mo.gov/Ready_in_3/AdultCareFacilities.html or by calling 573-526-4768:

- Ready-in-3: The ABC's of Emergency Preparedness for Adult Care Facilities (video)
- Disaster Preparedness Plan Template
- Family Safety Guide

Emergency planning information is also frequently in the DHSS LTC Information Update which is a weekly LISTSERV. To subscribe, please go to: http://cntysvr1.lphamo.org/mailman/listinfo/ltr_information_update

SLCR encourages all facilities to contact their local emergency management director for assistance in their emergency preparedness efforts. A list of local emergency management directors can be found at: <http://www.sema.dps.mo.gov/> and then clicking on "EMD List" under the "More Information" heading in the center of the page.